

#2

<b>INFORMATION DISCLOSURE CITATION IN AN APPLICATION</b>	Docket Number	Application Number
	19504-028	To Be Assigned
	Applicant(s)	
	Richard J. Helferich	
	Filing Date	Group Art Unit
Herewith		

1c542 U.S. PTO  
09/513998  
02/23/00

### U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	REF	DOCUMENT NO.	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	A	5,781,857	7/14/98	Hwang et al.			
	B	5,838,252	11/17/98	Kikinis			
	C	5,175,758	12/29/92	Levanto et al.			
	D	5,455,823	10/3/95	Noreen et al.			
	E	5,463,672	10/31/95	Kage			
	F	5,473,667	12/5/95	Neustein			
	G	5,489,894	2/6/96	Murray			
	H	5,561,702	10/1/96	Lipp et al.			
	I	5,696,500	12/9/97	Diem			
	J	5,726,643	3/10/98	Tani			
	K	5,761,622	6/2/98	Priest			
	L	5,809,130	9/15/98	Ayala			
	M	5,815,800	9/29/98	Su et al.			
	N	5,448,759	9/5/95	Krebs et al.			
	O	5,239,679	8/24/93	Murai			
	P	5,774,803	6/30/98	Kariya			
	Q	5,257,307	10/26/93	Ise			
	R	5,694,120	12/2/97	Indekeu et al.			
	S	3,118,145	1/14/64	Nee			
	T	4,480,253	10/30/84	Anderson			
	U	4,644,352	2/17/87	Fujii			
	V	4,737,979	4/12/88	Hashimoto			
	W	4,812,843	3/14/89	Champion, III et al.			
	X	4,821,308	4/11/89	Hashimoto			
	Y	4,825,456	4/25/89	Rosenberg			
	Z	4,845,491	7/4/89	Fascenda et al.			
	AA	4,853,688	8/1/89	Andros et al.			
	BB	4,897,835	1/30/90	Gaskill et al.			
	CC	4,942,598	7/17/90	Davis			
	DD	4,961,216	10/2/90	Baehr et al.			
	EE	4,965,569	10/23/90	Bennett et al.			
	FF	4,975,694	12/4/90	McLaughlin et al.			
	GG	5,005,013	4/2/91	Tsukamoto et al.			
	HH	5,007,105	4/9/91	Kudoh et al.			
	II	5,040,204	8/13/91	Sasaki et al.			
	JJ	5,043,721	8/27/91	May			
	KK	5,047,763	9/10/91	Kuznicki et al.			
	LL	5,065,423	11/12/91	Gaskill			
	MM	5,093,659	3/3/92	Yamada			
	NN	5,115,233	5/19/92	Zdunek et al.			
	OO	5,117,449	5/26/92	Metroka et al.			
	PP	5,128,980	7/7/92	Choi			

QQ	5,134,724	7/28/92	Gehring et al.			
RR	5,138,311	8/11/92	Weinberg			
SS	5,138,312	8/11/92	Tsukamoto et al.			
TT	5,140,419	8/18/92	Galumbeck et al.			
UU	5,146,612	9/8/92	Grosjean et al.			
VV	5,153,903	10/6/92	Eastmond et al.			
VW	5,159,331	10/27/92	Park et al.			
XX	5,159,713	10/27/92	Gaskill et al.			
YY	5,173,688	12/22/92	DeLuca et al.			
ZZ	5,177,780	1/5/93	Kasper et al.			
A1	5,182,553	1/26/93	Kung			
B2	5,185,604	2/9/93	Nepple et al.			
C3	5,192,947	3/9/93	Neustein			
D4	5,194,857	3/16/93	Gomez			
E5	5,212,636	5/18/93	Nakazawa			
F6	5,220,366	6/15/93	King			
G7	5,227,774	7/13/93	Benoist			
H8	5,241,305	8/31/93	Fascenda et al.			
I9	5,247,700	9/21/93	Wohl et al.			
J10	5,257,307	10/26/93	Ise			
K11	5,265,033	11/23/93	Vajk et al.			
L12	5,285,426	2/8/94	Teodoridis			
M13	5,315,635	5/24/94	Kane et al.			
N14	5,329,501	7/12/94	Meister et al.			
O15	5,379,031	1/3/95	Mondrosch et al.			
P16	5,396,537	3/7/95	Schwendeman			
Q17	5,398,021	3/14/95	Moore			
R18	5,402,466	3/28/95	Delahanty			
S19	5,410,302	4/25/95	Dulaney, III et al.			
T20	5,418,835	5/23/95	Frohman et al.			
U21	5,426,422	6/20/95	Vanden Heuvel et al.			
V22	5,426,594	6/20/95	Wright et al.			
W23	5,428,663	6/27/95	Grimes et al.			
X24	5,432,839	7/11/95	DeLuca			
Y25	5,440,559	8/8/95	Gaskill			
Z26	5,444,671	8/22/95	Tschannen et al.			
AA1	5,452,356	9/19/95	Albert			
AA2	5,457,732	10/10/95	Goldberg			
AA3	5,473,143	12/5/95	Vak et al.			
AA4	5,475,653	12/12/95	Yamada et al.			
AA5	5,479,378	12/26/95	Yamada et al.			
AA6	5,479,408	12/26/95	Will			
AA7	5,481,255	1/2/96	Albert et al.			
AA8	5,483,595	1/9/96	Owen			
AA9	5,485,503	1/16/96	Diem			
AA10	5,487,100	1/23/96	Kane			
AA11	5,497,373	3/5/96	Hulen et al.			
AA12	5,530,438	6/25/96	Bickham et al.			
AA13	5,530,930	6/25/96	Hahn			
AA14	5,550,535	8/27/96	Park			
AA15	5,555,446	9/10/96	Jasinski			
AA16	5,572,196	11/5/96	Sakumoto et al.			
AA17	5,572,488	11/5/96	Yamada et al.			
AA18	5,579,372	11/26/96	Astrom			
AA19	5,581,593	12/3/96	Engelke et al.			
AA20	5,588,009	12/24/96	Will			

AA21	5,600,703	2/4/97	Dang et al.			
AA22	5,604,788	2/18/97	Tett			
AA23	5,623,242	4/22/97	Dawson, Jr. et al.			
AA24	5,627,525	5/6/97	Kudoh et al.			
AA25	5,635,918	6/3/97	Tett			
AA26	5,644,627	7/1/97	Segal et al.			
AA27	5,654,942	8/5/97	Akahane			
AA28	5,663,703	9/2/97	Pearlman et al.			
AA29	5,675,507	10/7/97	Bobo, II			
AA30	5,675,627	10/7/97	Yaker			
AA31	5,678,179	10/14/97	Turcotte et al.			
AA32	5,630,207	5/13/97	Gitlin et al.			
AA33	5,850,594	12/15/98	Cannon et al.			
AA34	5,684,859	11/4/97	Chanroo et al.			
AA35	4,868,560	9/19/89	Oliwa et al.			

#### FOREIGN PATENT DOCUMENTS

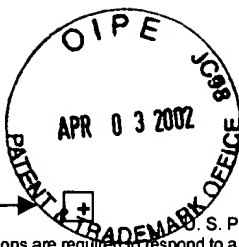
	REF	DOCUMENT NO.	DATE	COUNTRY	CLASS	SUBCLASS	Translations	
							YES	NO

#### OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

		Document: Statutory Invention Registration No. H610; Date: 03/07/89; Inventor: Focarile et al.

EXAMINER	DATE CONSIDERED
TRINH, TON	2/11/04
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP Section 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.	

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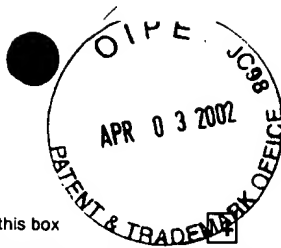
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Substitute for form 1449A/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<b>Complete if Known</b>		
				Application Number	09/513,998	
Sheet		1	of	2	Attorney Docket Number	00101-140-USP
Filing Date		February 23, 2000				
First Named Inventor		Helferich, Richard J.				
Group Art Unit		2684				
Examiner Name		Not yet assigned				

U.S. PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code <sup>2</sup> (if known)			
		5,406,557		Baudoin	04/11/1995	
		5,483,352		Fukuyama et al.	01/09/1996	
		5,564,018		Flores et al.	10/08/1996	
		5,557,659		Hyde-Thompson	09/17/1996	
		5,608,786		Gordon	03/04/1997	
		5,630,060		Tang et al.	05/13/1997	
		5,633,916		Goldhagen et al.	05/27/1997	
		5,717,742		Hyde-Thompson	02/10/1998	
		5,737,394		Anderson et al.	04/07/1998	
		5,737,395		Iribarren	04/07/1998	
		5,742,668		Pepe et al.	04/21/1998	
		5,745,689		Yeager et al.	04/28/1998	
		5,796,394		Wicks et al.	08/18/1998	
		5,805,886		Skarbo et al.	09/08/1998	
		5,870,454		Dahlen	02/09/1999	
		5,812,795		Horovitz et al.	09/22/1998	
		5,828,882		Hinckley	10/27/1998	
		5,835,089		Skarbo et al.	11/10/1998	
		5,872,926		Levec et al.	02/16/1999	
		5,875,436		Kikinis	02/23/1999	
		5,884,159		Thro et al.	03/16/1999	
		5,892,909		Grasso et al.	04/06/1999	
		5,905,495		Tanaka et al.	05/18/1999	
		5,913,032		Schwartz et al.	06/15/1999	
		5,938,725		Hara	08/17/1999	
		5,948,059		Woo et al.	09/07/1999	
		5,951,638		Hoss et al.	09/14/1999	
		5,961,590		Mendez et al.	10/05/1999	
		5,961,620		Trent et al.	10/05/1999	
		5,963,618		Porter	10/05/1999	
		6,021,433		Payne et al.	02/01/2000	
		6,087,956		Helferich	07/11/2000	
		5,974,447		Cannon et al.	10/26/1999	
		5,870,030		Deluca et al.	02/09/1999	

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FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document		Country	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Office <sup>3</sup>	Number <sup>4</sup> (if known) Kind Code <sup>5</sup>			
			O 631 419 A1	Europe	12/28/1994	
			EP 0 777 394 A1	Europe	06/04/1997	
			WO 98/58476	PCT	12/23/1998	
			WO 99 65256A	Logica, Inc.	12/16/1999	
			EP 0831 664 A2	Siemens Business Communication Systems, Inc.	09/19/1997	



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<b>Substitute for form 1449A/PTO</b>  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (use as many sheets as necessary)				<b>Complete if Known</b>	
				Application Number	09/513,998
				Filing Date	February 23, 2000
				First Named Inventor	Helferich, Richard J.
				Group Art Unit	2684
				Examiner Name	Not yet assigned
				Attorney Docket Number	00101-140-USP
Sheet	2	of	2		

Examiner Signature	TRINH, TAN	Date Considered	2/11/04
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<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the application number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>

Examiner Signature	TRINH, TAN	Date Considered	2/11/04
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SHEET 1 OF 1

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ATTY DOCKET NO.

6300-0007-52

SERIAL NO.

08,989,874

LIST OF REFERENCES CITED BY APPLICANT

APPLICANT

Richard J. HELFERICH

FILING DATE

December 12, 1997

GROUP

2742

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FILING DATE IF APPROPRIATE
<i>[Signature]</i>	AA	5,592,532	01/07/97	Shigeru KOIZUMI			
<i>[Signature]</i>	AB	5,003,576	03/26/91	Richard J. HELFERICH			
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## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANSLATION YES NO
	AO				
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	AR				
	AS				
	AT				
	AU				
	AV				

## OTHER REFERENCES (Including Author, Title, Date, Pertinent Pages, etc.)

	AW	
	AX	
	AY	
	AZ	

Examiner

*TRINH, TON*

Date Considered

*2/11/04*

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# 11

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

Complete if Known

Application Number	09/513,998
Filing Date	February 23, 2000
First Named Inventor	Richard J. HELFERICH
Group Art Unit	2749
Examiner Name	Unassigned

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Sheet 1 of 1 Attorney Docket Number 0101-140

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code <sup>2</sup> (if known)		
	A	5,724,410		Parvulescu et al.	Mar. 3, 1998
	B	5,907,805		Chotai	May 25, 1999
	C	6,233,318		Picard et al.	May 15, 2001
	D	6,292,668		Alanara et al.	Sep. 18, 2001
	E	6,370,389		Isomursu et al.	Apr. 9, 2002
	F	5,239,466		Morgan et al.	Aug. 24, 1993
	G	5,557,659		Hyde-Thomson	Sep. 17, 1996
	H	5,751,793		Davies et al.	May 12, 1998
	I	6,259,892		Helferich	Jul. 10, 2001
	J	6,233,430		Helferich	May 15, 2001
	K	6,253,061		Helferich	Jun. 26, 2001
	L	6,097,941		Helferich	Aug. 1, 2000
	M	6,459,360		Helferich	Oct. 1, 2002
	N	6,462,646		Helferich	Oct. 8, 2002

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Name of Patentee of Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	T <sup>6</sup>
		Office <sup>3</sup> Code	Number <sup>4</sup>	Kind <sup>5</sup> (if known)			

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#12

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

Complete if Known

Application Number	09/513,998
Filing Date	February 23, 2000
First Named Inventor	Richard J. HELFERICH
Group Art Unit	2749
Examiner Name	Unassigned

Sheet	1	of	1	Attorney Docket Number	0101-140
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## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY
		Number	Kind Code <sup>2</sup> (if known)		
	A	6,018,657		Kennedy, III et al.	January 25, 2000
	B	5,029,199		Jones et al.	July 2, 1991
	C				
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		Office <sup>3</sup> Code	Number <sup>4</sup>	Kind <sup>5</sup> (if known)			
Examiner Signature	TRINH, TAN				Date Considered	2/12/04	

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